# INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/050429

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|---|---|---|
| A | WANG K H ET AL: "Group mobility and partition prediction in wireless ad-hoc networks" ICC 2002. 2002 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS. CONFERENCE PROCEEDINGS. NEW YORK, NY, APRIL 28 - MAY 2, 2002, IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 5, 28 April 2002 (2002-04-28), pages 1017-1021, XP010589646 ISBN: 0-7803-7400-2 cited in the application the whole document | 1-22 |

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[X] Further documents are listed in the continuation of box C.

[ ] Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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| Date of the actual completion of the international search | Date of mailing of the international search report |
|---|---|
| 7 December 2004 | 17/12/2004 |

| Name and mailing address of the ISA | Authorized officer |
|---|---|
| European Patent Office, P.B. 5818 Patentlaan 2<br>NL - 2280 HV Rijswijk<br>Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,<br>Fax: (+31-70) 340-3016 | Hultsch, W |

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|---|---|---|
| A | WEN-TSUEN CHEN ET AL: "Group mobility management in wireless ad hoc networks" VEHICULAR TECHNOLOGY CONFERENCE, 2003. VTC 2003-FALL. 2003 IEEE 58TH ORLANDO, FL, USA 6-9 OCT. 2003, PISCATAWAY, NJ, USA,IEEE, US, 6 October 2003 (2003-10-06), pages 2202-2206, XP010702338 ISBN: 0-7803-7954-3 page 2202 - page 2205 | 1-22 |
| A | GERLA M ET AL: "Exploiting mobility in large scale ad hoc wireless networks" IEEE CONFERENCE PROCEEDINGS 2003, 20 October 2003 (2003-10-20), pages 34-39, XP010662893 the whole document | 1-22 |
| A | GUANGYU PEI ET AL: "LANMAR: landmark routing for large scale wireless ad hoc networks with group mobility" IEEE CONFERENCE PROCEEDINGS 2000, 2000, pages 11-18, XP010511729 page 11 - page 14 | 1-22 |
| A | MARIO GERLA, XIAOYAN HONG, LI MA, UNIVERSITY OF CALIFORNIA, LOS ANGELES, GUANGYU PEI, ROCKWELL SCIENTIFIC COMPANY: "Landmark Routing Protocol (LANMAR) for Large Scale Ad Hoc Networks" IETF MANET WORKING GROUP, INTERNET-DRAFT, 17 November 2002 (2002-11-17), pages 1-21, XP015002585 page 1 - page 2 | 1,12 |